

CHART DATUMS & STANDARD LEVELS IN THE PORT OF LONDON

1. **Chart Datum** is set to approximately the level of Lowest Astronomical Tide (L.A.T.)
2. **Low Water levels** in the upper reaches of the tidal Thames are greatly affected by the land water flow at Teddington Weir. **They frequently fall below chart datum** when this flow is significantly reduced, typically during the summer months.
3. **Maintained level** and chart datum above Richmond half tide weir are both 1.72 metres above Ordnance Datum (Newlyn).
4. **Trinity High Water (T.H.W.)** is deemed, by the Port of London Act, 1968, to be a level having a value of 11.4 feet (**i.e. 3.475 metres**) above Ordnance Datum (Newlyn).

Tidal Station	Level of Chart Datum below Ordnance Datum (Newlyn) m	Standard levels above local C.D.			
		Mean Low Water Springs	Mean Low Water Neaps	Mean High Water Neaps	Mean High Water Springs
WALTON	2.16	0.5	1.2	3.5	4.2
MARGATE	2.50	0.5	1.3	4.0	4.7
SHIVERING SAND	—	0.5	1.3	4.4	5.2
SOUTHEND	2.90	0.5	1.4	4.8	5.8
CANVEY	2.97	0.6	1.4	5.0	6.1
CORYTON	3.05	0.6	1.4	5.1	6.1
TILBURY	3.12	0.5	1.4	5.4	6.4
GREENHITHE	3.20	0.5	1.4	5.5	6.6
DAGENHAM	3.28	0.5	1.4	5.7	6.8
NORTH WOOLWICH	3.35	0.5	1.5	5.9	7.0
TOWER	3.20	0.4	1.3	5.9	7.1
BLACKFRIARS	3.05	0.4	1.2	5.8	6.9
WESTMINSTER	2.90	0.4	1.1	5.6	6.8
VAUXHALL	2.59	0.2	0.8	5.3	6.4
VICTORIA RAIL	2.44	0.2	0.7	5.2	6.4
ALBERT BRIDGE	2.29	0.1	0.6	5.1	6.2
WANDSWORTH	2.13	0.1	0.5	4.9	6.1
PUTNEY	1.98	0.1	0.5	4.8	6.0
HAMMERSMITH	1.68	0.0	0.3	4.6	5.7
BARNES	1.37	0.0	0.2	4.3	5.5
CHISWICK	1.22	0.0	0.1	4.2	5.4
KEW	1.07	0.0	0.1	4.1	5.3
BRENTFORD	0.91	0.0	0.0	4.0	5.2
RICHMOND	0.61	-	-	3.7	4.9
TWICKENHAM	Note 3	-	-	1.5	2.7